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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/005,208	12/04/2001	Michael Becker	6470	5597

7590 06/13/2005

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EXAMINER

NGUYEN, KHAI MINH

ART UNIT	PAPER NUMBER
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2687

DATE MAILED: 06/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/005,208	BECKER ET AL.	
	Examiner	Art Unit	
	Khai M Nguyen	2687	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on 10 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,5-8 and 12 is/are pending in the application.
- 4a) Of the above claim(s) 2-4,10,11 and 13-15 is/are withdrawn from consideration.
- 5) ☒ Claim(s) 8 is/are allowed.
- 6) ☒ Claim(s) 1,5-7 and 12 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 January 2005 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>7/23/2004</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's argument with respect to claims 1, 5-8, 12 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1, 5-7, 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wolf et al. (U.S.Pub-20050090953) in view of Ma et al. (U.S.Pub-20030021262).

Regarding claim 1, Wolf teaches motor vehicle MOST data communication network (fig.1, col.1, lines 29-39), comprising:

a ring bus (fig.1, col.1, lines 29-39, col.1, line 57);

a plurality of multimedia units connected to said ring bus (fig.1, col.1, lines 29-39, col.1, line 58); and

a wireless transceiver connected to said ring bus (fig.1, col.1, lines 61-63), wherein said wireless transceiver receives outgoing data from said ring bus (fig1, fig.2, col.1, lines 54-65) and transforms said outgoing data to a wireless data format and

transmits the transformed data (fig1, fig.2, col.1, line 54 to col.2, line 10), and receives incoming data and transforms said incoming data and provides transformed incoming data indicative thereof to said ring bus (fig.1, fig.2, col.2, lines 11-22).

Wolf fails to specifically disclose an incoming data is formatted as Bluetooth data. However, Ma teaches an incoming data is formatted as Bluetooth data (fig.1-2, paragraph 0004-0007, *Bluetooth data packet format and transmit each of the converted Bluetooth data packets via the RF physical interface 40 and antenna 42 to another Bluetooth device*). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use an incoming data is formatted as Bluetooth data as taught by Ma with Wolf teaching in order to provide of each Bluetooth device may communicate with a number of other Bluetooth device.

Regarding claim 5, Wolf further teaches the MOST data communication network of claim 2, wherein said plurality of multimedia units includes a DVD player (col.1, lines 17-23).

Regarding claim 6, Wolf further teaches the MOST data communication network of claim 2, wherein said plurality of multimedia units includes an audio player (col.1, lines 17-23).

Regarding claim 7, Wolf further teaches the MOST data communication network of claim 2, wherein said plurality of multimedia units includes a navigation system (col.1, lines 17-23).

Regarding claim 12, Wolf teaches a motor vehicle MOST data communication network that communicates over a wireless communication channel with a wireless device (fig.1, col.1, lines 29-39), comprising:

a ring bus (fig.1, col.1, lines 29-39, col.1, line 57);

a plurality of multimedia units connected to said ring bus (fig.1, col.1, lines 29-39, col.1, line 58); and

means for receiving outgoing data from said ring bus in a first data format compatible (fig.1, fig.2, col.2, lines 11-22) with the MOST network, and for transforming said outgoing data to a second data format compatible with a wireless communication channel (fig.1, fig.2, col..1, line 64 to col..2, line 39) and for transmitting a transformed output data signal indicative thereof over the wireless communication standard (fig.1, fig.2, col.1, line 64 to col.2, line 39).

Wolf fails to specifically disclose transformed out data signal is formatted as Bluetooth data. However, Ma teaches transformed out data signal is formatted as Bluetooth data (fig.1-2, paragraph 0004-0007, *Bluetooth data packet format and transmit each of the converted Bluetooth data packets via the RF physical interface 40*

and antenna 42 to another Bluetooth device). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to use transformed out data signal is formatted as Bluetooth data as taught by Ma with Wolf teaching in order to provide of each Bluetooth device may communicate with a number of other Bluetooth device.

Allowable Subject Matter

3. Claim 8 is allowed.

The following is statement of reason for the indication of allowance: As the applicant stated in remark (pages 5-7) of the amendment filed on 1/10/2005.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "Comments on Statement of Reasons for Allowance."

Citation of Pertinent Prior Art

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Ritter (U.S.Pub-20020094829) discloses Information system for public transportation and corresponding communication method.

Conclusion

5. THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khai M Nguyen whose telephone number is 571.272.7923. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid can be reached on 571.272.7922. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Khai Nguyen
Au: 2687

6/3/2005


SONNY TRINH
PRIMARY EXAMINER